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Side effects of local anesthetics when placing the implants
(Researching the dental offices in city of Stip)

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Introduction: This paper involves researching and proving the adverse effects that may arise from the use of local anesthetics in dental practices, when placing implants. Display of them and prevention.

Methods and materials: Based on a pre-prepared questionnaire, a survey of twenty dental clinics in city of Stip was made for the experience of working with local anesthetics, their application when placing implants and *side effects*.



Necrosis after injection of
local Anesthetic



Facial paralysis after
local Anesthetic



Necrosis after
local Anesthetic

Results: After the survey in the dental clinics in city of Stip, results were obtained on how much the risk of *side effects* when using local anesthetics in implantology. Research has been done in dental offices. The most common adverse effects after the use of antibiotics are the following:

necrosis, nerve injury, ischemia, anesthesia of the wrong nerve and arterial injury.

Conclusion: From the work done, we can conclude that local anesthetics are inevitable for use in dental implantology. We cannot place implant without local anesthetics. It is particularly important before the application of local anesthetics to take a detailed patient history in order to avoid these *side effects* and adverse effects.